

**Scotland's Rural College**

## **Scottish Recommended Lists for Cereals 2018**

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# **Scottish Recommended Lists for Cereals 2018**

## **Tables**

**Data from AHDB Recommended List Trials**



## Scottish Recommended Lists for Cereals 2018

### Spring barley Yield of 100 = 7.4 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Malting use: Brewing, Distilling or Grain Distilling	MBC† Malting Approval (See footnotes)	Feed use‡ (See footnote)	Screenings <2.5 mm (%)	Specific weight (kg/hl)	Maturity days +/- Concerto	Straw Strength 1 to 9; weak to stiff	Straw length (cm) no PGR	Brackling risk; 1 to 9 high to low	Disease resistance 1 susceptible to 9 resistant		
														Mildew	Rhynchosporium	Ramularia
2018	P1	LG Diablo	109	8	B & D	T		[3.3]	67.5	+1	7	76	8	[9]	5	6
2018	P1	LG Tomahawk	107	10	D	T		[4.2]	66.3	+1	7	72	7	[9]	6	6
2016	R	Laureate	105	8	B & D	F		3.2	66.6	+1	7	73	8	8	6	6
2016	R	KWS Sassy	105	8	D	F		2.2	68.6	0	6	80	6	9	5	6
2015	R	Sienna	103	9	D	F		3.6	70.9	+1	7	79	7	9	6	6
2018	P1	RGT Asteroid	102	6	B, D & GD	T		[2.6]	68.7	+1	7	76	8	[9]	6	7
2016	P3	Fairing	96	9	GD	P		2.1	68.7	-2	7	74	7	8	7	6
2009	R	Concerto	93	9	B & D	F		2.7	69.3	0	6	80	8	8	4	6
2015	R	RGT Planet	104	9	B	F		3.5	68.1	0	7	75	8	9	6	6
2014	R	KWS Irina	104	10	B	F		4.5	66.3	0	8	71	9	9	5	6
2010	R	Propino	101	12	B	F		1.9	68.7	-1	7	77	8	6	5	6
2015	R	Scholar	105	10	None	N		5.8	69.0	0	7	69	9	9	5	7

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	F = MBC Full Approval	[ ] = AHDB limited data
P1 or P2 = Provisional Year 1 or 2	P = MBC Provisional Approval	‡ High yielding malting varieties can also be considered for feed use
O = Becoming outclassed	T = Under test as a malting variety	
† = Malting Barley Committee	N = not approved by MBC	

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>

## Scottish Recommended Lists for Cereals 2018

**Winter barley** Yield of 100 = 9.4 t/ha

Year First Listed	Recommendation		Grain Yield as % of treated control	Yield loss (%) if untreated	Yield % control		MBC† Malting Approval	Screenings <2.5 mm (%)	Specific Weight (kg/hl)	Maturity days +/- Cassata	Straw Strength 1 to 9; weak to stiff	Straw length (cm) with PGR	Disease resistance 1 susceptible to 9 resistant			
					Light soil	Heavy soil							Mildew	Rhynchosporium	Net Blotch	Ramularia
2017	P2	KWS Creswell	104	26	102	100	No	8.2	67.5	-1	7	87	4	6	4	5
2016	R	KWS Orwell	103	21	103	104	No	6.5	67.7	0	8	86	3	6	5	5
2015	O	KWS Infinity	103	21	102	101	No	8.9	67.9	0	7	89	4	6	6	6
2014	R	KWS Tower	102	23	102	101	No	--	67.3	-1	7	89	5	5	3	4
2013	O	KWS Glacier	101	21	101	101	No	7.8	69.1	-1	6	82	4	4	6	5
2010	S	KWS Cassia	99	16	98	99	No	6.7	70.9	0	7	90	4	4	5	---
2017	P2	Funky	106	15	107	107	No	19.7	68.8	-1	8	93	5	7	5	5
2018	P1	KWS Astaire	104	15	106	107	No	[2.2]	65.5	0	8	102	7	7	6	5
2017	P2	Sunningdale	110	18	109	106	No	10.5	67.5	-1	7	105	6	7	6	5
2018	P1	Belmont	109	29	108	110	No	6.7	68.0	0	7	108	6	7	6	5
2016	R	Bazooka	107	18	107	111	No	8.3	68.5	-1	7	110	4	7	6	5
2016	P3	Belfry	106	16	105	110	No	10.7	67.5	-1	8	102	5	7	6	5
2018	P1	Libra	103	19	104	107	No	4.2	70.6	-1	7	105	4	7	6	5

**Colour code**

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	O = Becoming outclassed	-- = Insufficient information for a 2018 rating
P1, P2 and P3 = Provisional Year 1, 2 or 3	† = Malting Barley Committee	[ ] = AHDB limited data
S = Specific use variety	BaYMV: All varieties listed have resistance to barley mild mosaic virus (BaMMV) and barley yellow mosaic virus (BaYMV) strain 1.	

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/variety>

## Scottish Recommended Lists for Cereals 2018

**Winter wheat** Yield of 100 = 10.7 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Use as a 2 <sup>nd</sup> cereal	Quality markets		Specific weight (kg/hl)	HFN	Maturity days +/- JB Diego	Straw strength 1-9; weak to stiff		Straw length (cm) no PGR	Sprout -ing resistance	Disease resistance 1 susceptible to 9 resistant				
						Distill- ing	UK Milling				without PGR	with PGR			Mildew	Yellow rust	Septoria tritici	Eye-spot	Fus-arium
2018	P1	KWS Jackal	[105]	25	Good	Med	----	76.7	160	+1	7	7	85	--	7	9	5.1	[4]	[6]
2018	P1	Elation	[103]	22	Good	Good	----	78.3	200	+1	7	8	81	--	7	9	4.7	[4]	[6]
2013	R	Leeds	102	30	Mod	Med	----	78.4	212	+2	7	8	85	6	3	6	4.6	4	7
2017	P2	LG Motown	102	14	Good	Med	----	76.2	219	0	6	6	82	[6]	8	9	5.7	4	[6]
2017	P2	LG Sundance	102	15	Good	Med	----	75.0	175	+2	6	7	86	[5]	7	9	7.4	3	[6]
2009	R	Viscount	101	24	Mod	Good	----	76.6	192	+1	7	8	80	5	7	6	4.6	5	6
2013	O	Myriad	101	32	Mod	Med	----	77.1	240	+2	7	7	88	6	5	4	5.5	4	6
2013	S	Revelation	99	18	Poor	Good	----	76.7	253	+3	7	8	85	5	5	9	6.3	8	7
2016	R	KWS Barrel	107	29	Good	Poor	Biscuit	77.6	224	+1	7	8	82	[6]	6	8	4.7	4	6
2018	P1	Elicit	[104]	17	Good	Poor	Biscuit	77.7	206	+1	7	8	85	--	6	9	6.4	[4]	[6]
2014	R	Zulu	102	25	Poor	Med	Biscuit	76.7	234	+1	6	7	89	5	7	5	5.4	4	6
2015	R	KWS Lili	103	28	Poor	----	Bread	77.6	305	+3	7	8	81	7	8	7	6.1	5	6
2016	R	KWS Siskin	100	17	Mod	----	Bread	77.7	302	+1	6	7	83	[5]	9	9	6.9	5	5
2009	S	Grafton	[101]	25	Mod	----	----	79.1	324	-1	8	8	75	5	[7]	6	5.4	6	5

**Colour code**

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	HFN = Hagberg falling number	[ ] = AHDB limited data
P1 and P2 = Provisional Year 1 and 2	Mod = moderate	---- = Not applicable for this market
S = Specific use variety	Med = medium	-- = Insufficient information for a sprouting resistance rating
O = Becoming outclassed		

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>

## Scottish Recommended Lists for Cereals 2018

### Spring oats (Yield of 100 = 8.2 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	Kernel Content (%)	Screenings <2.0mm (%)	Specific weight (kg/hl)	Maturity days +/- Firth	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown Rust (1 to 9)	Mildew (1 to 9)
2018	P1	Delfin	105	6	75.3	2.3	53.7	-1	8	[116]	[4]	9
2017	P2	Yukon	103	8	75.6	2.6	53.6	-1	8	111	[5]	8
2015	O	Aspen	102	16	76.8	1.6	54.4	-1	7	102	4	6
2011	R	Canyon	100	8	75.5	1.7	54.6	0	7	113	4	8
2015	R	Montrose	99	16	76.0	1.5	55.1	-1	7	107	3	4
2017	P2	WPB Elyann	99	12	79.8	2.3	53.5	-1	7	104	[5]	7
2000	R	Firth	97	14	77.9	2.8	52.9	0	7	104	4	6
2014	R	Conway	95	10	77.5	2.4	53.7	-1	8	109	4	7

### Winter oats (Yield of 100 = 8.6 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	Kernel Content (%)	Screenings <2.0mm (%)	Specific weight (kg/hl)	Maturity days +/- Mascani	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown Rust (1 to 9)	Mildew (1 to 9)
2003	R	Dalguise	99	---	75.5	2.9	54.8	0	3	118	4	4
1993	R	Gerald	98	---	72.8	3.3	53.7	+3	6	115	5	4

### Spring wheat (Yield of 100 = 7.7 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	nabim Group	Hagberg falling number	Specific weight (kg/hl)	Maturity days +/- Mulika	Straw strength 1-9; weak to stiff	Straw length (cm)	Septoria tritici (1 to 9)	Mildew (1 to 9)
2018	P2	KWS Cochise	106	23	2	219	80.3	0	---	87	6	[8]
2003	O	Tyalt <sup>1</sup>	101	20	2	293	77.0	0	---	80	6	[8]
2011	R	Mulika	95	16	1	298	78.5	0	---	84	6	[7]

#### Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use | P1 and P2 = Provisional Year 1 and 2 | [ ] = AHDB limited data | --- = Insufficient information | <sup>1</sup>Tyalt is no longer on the AHDB RL

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>